

We claim:

Claims:

1. (Amended) A reamer for use in extracting juice from citrus comprising:  
5 a plurality of primary ribs for contacting the flesh of the citrus;

wherein ~~the~~ a plurality of primary ribs each have at least two different profiles, being an upper profile and a lower profile;  
a concave transitional section located between the upper and lower  
profiles.

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2. (Amended) The reamer of claim 1 wherein:

~~the primary ribs have an upper profile, and a lower profile concave~~  
transitional section smoothly blends the upper and lower profiles  
together.

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3. (Amended) The reamer of claim 2-1 wherein:

the upper profile has a larger longitudinal radius or sharper apex angle  
than the lower profile.

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4. (Amended) The reamer of claim 21, whereinfurther comprising:

a plurality of secondary ribs that are lower than~~the~~ profiles of the  
primary ribs are connected by a transitional section blending the upper  
and lower profiles.

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5. (Original) The reamer of claim 1 wherein:  
the primary ribs are blade like.

6. (Amended) The reamer of claim 1 wherein:  
5 the top of at least some of the primary ribs form spikes to hold the fruit  
in place.

7. (Amended) The reamer of claim 1 wherein:  
the reamer includes secondary ribs are located between and within the  
10 profile defined by the primary ribs.

8. (Amended) The reamer of claim 1 wherein:  
the reamer includes at least one paddle near the a base of the  
primary ribs for removing pulp.

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9. (Original) A citrus press comprising:  
a reamer;  
a housing to support the reamer;  
a motor to drive the reamer, said motor contained in the housing; and  
20 a fruit dome carried by an actuating arm;  
wherein the fruit dome has a trajectory determined by the actuating  
arm, the trajectory having a curved portion and a generally linear  
portion that is generally coincident with an axis of rotation of the  
reamer.

10. (Original) The citrus press of claim 9 wherein:  
the actuating arm co-operates with a micro switch lock-out to prevent  
early rotation of the juicing reamer.

5      11. (Original) The reamer of claim 9 wherein:  
the reamer has an apex on which is formed a central spike which co-  
operates with an internal surface of the fruit dome to limit the gap  
between the reamer and the dome.

10     12. (Original) The citrus press of claim 11 wherein:  
the fruit dome includes a profile on its inner surface that corresponds  
with the profile of the reamer profile.

13. (Original) The citrus press of claim 9 wherein:  
15        the fruit dome is removable for washing.

14. (Original) The citrus press of claim 9 wherein:  
the fruit dome includes a stub shaft for attaching the dome to a  
corresponding aperture in the actuating arm.

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15. (Original) The citrus press of claim 9 wherein:  
the fruit dome includes one or more internal edges to grip the skin of  
the fruit.

16. (Original) The citrus press of claim 9 wherein;  
the juice collector includes a sealable spout to control the flow of juice  
from the collector.

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17. (Original) A citrus press comprising:  
a reamer;  
a housing to support the reamer;  
a motor to drive the reamer, said motor contained in the housing; and  
10 a fruit dome carried by an actuating arm;  
wherein the actuating arm has a four bar linkage hinge with at least one  
fixed pivot attached to the housing.

18. (Original) The citrus juicer of claim 17 wherein:

15 the actuating arm is a collapsible quadrilateral hinge.

19. (Original) The citrus juicer of claim 17 wherein:  
the actuating arm co-operates with a micro switch lock-out to prevent  
early rotation of the juicing reamer.

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20. (Original) The reamer of claim 17 wherein:  
the reamer has an apex on which is formed a central spike which co-  
operates with an internal surface of the fruit dome to limit the gap  
between the reamer and the dome.

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21. (Original) The citrus juicer of claim 17 wherein:  
the fruit dome includes a profile on its inner surface that corresponds  
with the profile of the reamer profile.

5 22. (Original) The citrus juicer of claim 17 wherein:  
the fruit dome is removable for washing.

10 23. (Original) The citrus juicer of claim 17 wherein:  
the fruit dome includes a stub shaft for attaching the dome to a  
corresponding aperture in the actuating arm.

15 24. The citrus juicer of claim 17 wherein:  
the fruit dome includes one or more internal edges to grip the skin of  
the fruit.

25. (Original) The citrus juicer of claim 17 wherein:  
the juice collector includes a sealable spout to control the flow of juice  
from the collector.

20 26. (Amended) A spout for limiting the flow of fluid from a container,  
comprising:  
a spout that is hinged to the container;  
the spout supporting an elastomeric plug;  
an aperture in the container;

wherein the elastomeric plug fits into the aperture in the container to stop ~~the~~a flow of fluid therethrough;

the plug having a portion that is larger than the aperture, that portion preventing the plug from dislodging under ~~the~~an influence of gravity.

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27. (Original) The spout of claim 26 wherein:  
the portion is an enlarged head.